

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of the claims in the Application. With reference to the listing it is noted that, herewith, claims 46-56 are added, and claims 1-16, 19, 20, and 33-45 are canceled without prejudice or disclaimer. No new matter has been added.

Listing of Claims

Claims 1-16 (Canceled)

17. (Previously Presented) A method, comprising:

transmitting a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

transmitting a second configuration parameter to the end user using without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second portion of the transport stream; and

transmitting the service to the end user terminal over the second portion of the transport stream.

18. (Original) The method of claim 17, wherein the network is a digital video broadcasting network.

Claim 19 (Canceled)

Claim 20 (Canceled)

21. (Original) The method of claim 17, wherein the second configuration parameter comprises data allowing the end user terminal to access the service.

22. (Original) The method of claim 17, wherein the service comprises at least one of: a television program, multimedia content, text information and audio information.

23. (Original) The method of claim 17, wherein the service is an Internet Protocol-based service.

24. (Original) The method of claim 17, wherein said transmitting the second configuration parameter further comprises:
generating the second configuration parameter.

25. (Original) The method of claim 17, further comprising:
selecting the second portion of the transport stream based on at least one of: a data size of the service and an available bandwidth of the transport stream.

26. (Original) The method of claim 17, wherein the second configuration parameter includes a program identifier the service transmitted in the second portion of the transport stream.

27. (Original) The method of claim 17, wherein the service comprises a plurality of services from a plurality of service providers.

28. (Original) The method of claim 17, wherein the first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

29. (Original) The method of claim 17, wherein the second first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

30. (Previously Presented) An apparatus, comprising:

means for transmitting a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

means for transmitting a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second portion of the transport stream; and

means for transmitting the service to the end user terminal over the second portion of the transport stream.

31. (Previously Presented) An apparatus, comprising:

a transmitter for transmitting a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

a processor in communication with the transmitter for generating a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second portion of the transport stream, wherein the transmitter further for transmitting the service to the end user terminal over the second portion of the transport stream.

32. (Previously Presented) A method, comprising:

receiving a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

receiving a second configuration parameter through the control channel without providing interactive information, the second configuration parameter identifying the control channel with a second portion of the transport stream; and

accessing the service over the second portion of the transport stream.

Claims 33-45 (Canceled)

46. (New) An apparatus, comprising:

a receiver for receiving a service having a control channel over a first portion of a

transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream, wherein the receiver further for receiving a second configuration parameter through the control channel without providing interactive information, the second configuration parameter identifying the control channel with a second portion of the transport stream; and

a processor in communication with the receiver for accessing the service over the second portion of the transport stream.

47. (New) The apparatus of claim 46, wherein a digital video broadcasting network is employed.

48. (New) The apparatus of claim 46, wherein the second configuration parameter comprises data allowing the end user terminal to access the service.

49. (New) The apparatus of claim 46, wherein the service comprises at least one of: a television program, multimedia content, text information and audio information.

50. (New) The apparatus of claim 46, wherein the service is an Internet Protocol-based service.

51. (New) The apparatus of claim 46, wherein the second configuration parameter is generated.

52. (New) The apparatus of claim 46, wherein the second portion of the transport stream is selected based on at least one of: a data size of the service and an available bandwidth of the transport stream.

53. (New) The apparatus of claim 46, wherein the second configuration parameter includes a program identifier of the service transmitted in the second portion of the transport stream.

54. (New) The apparatus of claim 46, wherein the service comprises a plurality of services from a plurality of service providers.

55. (New) The apparatus of claim 46, wherein the first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

56. (New) The apparatus of claim 46, wherein the second configuration parameter comprises at least one parameter corresponding to addressing information for the service.